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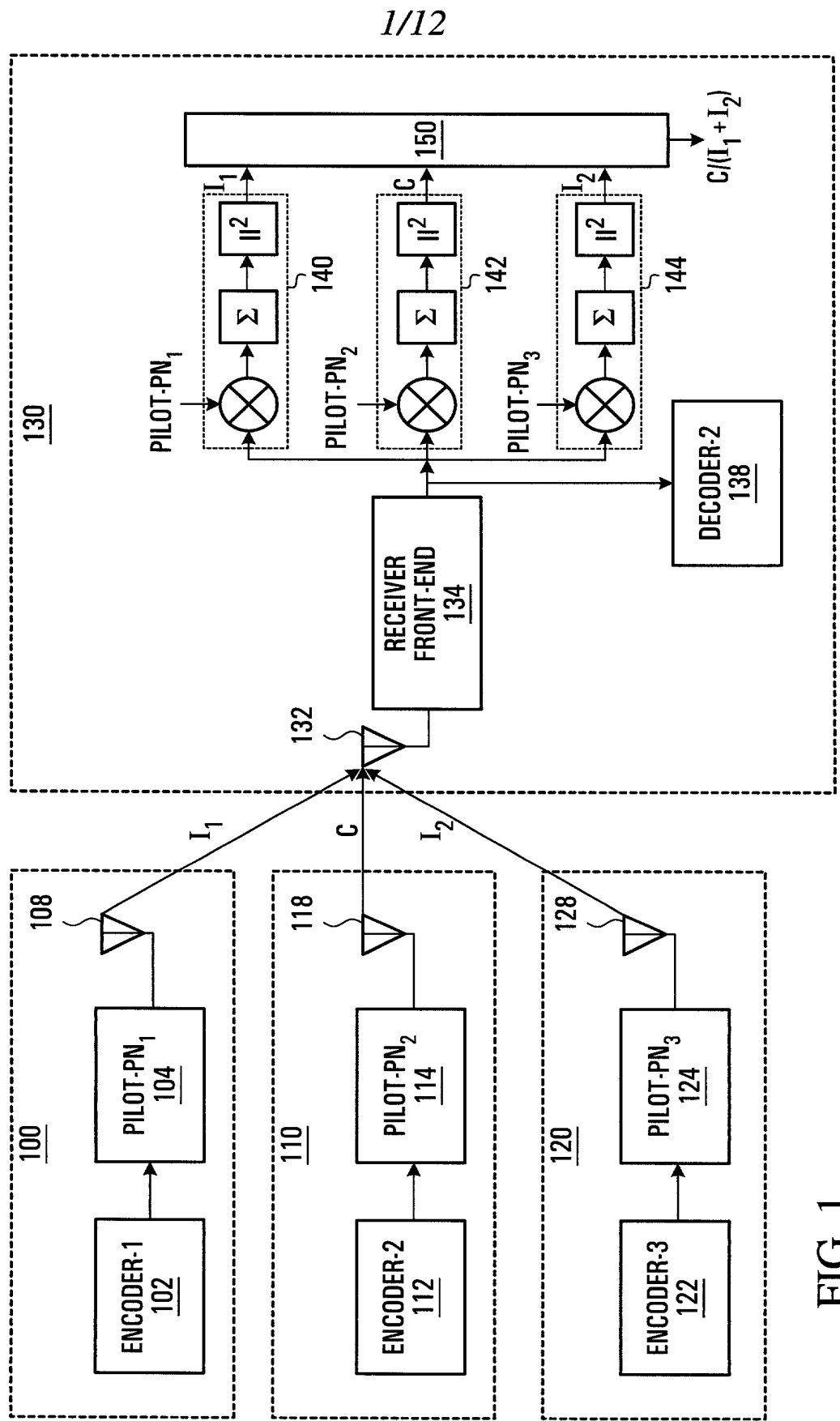


FIG. 1  
(PRIOR ART)

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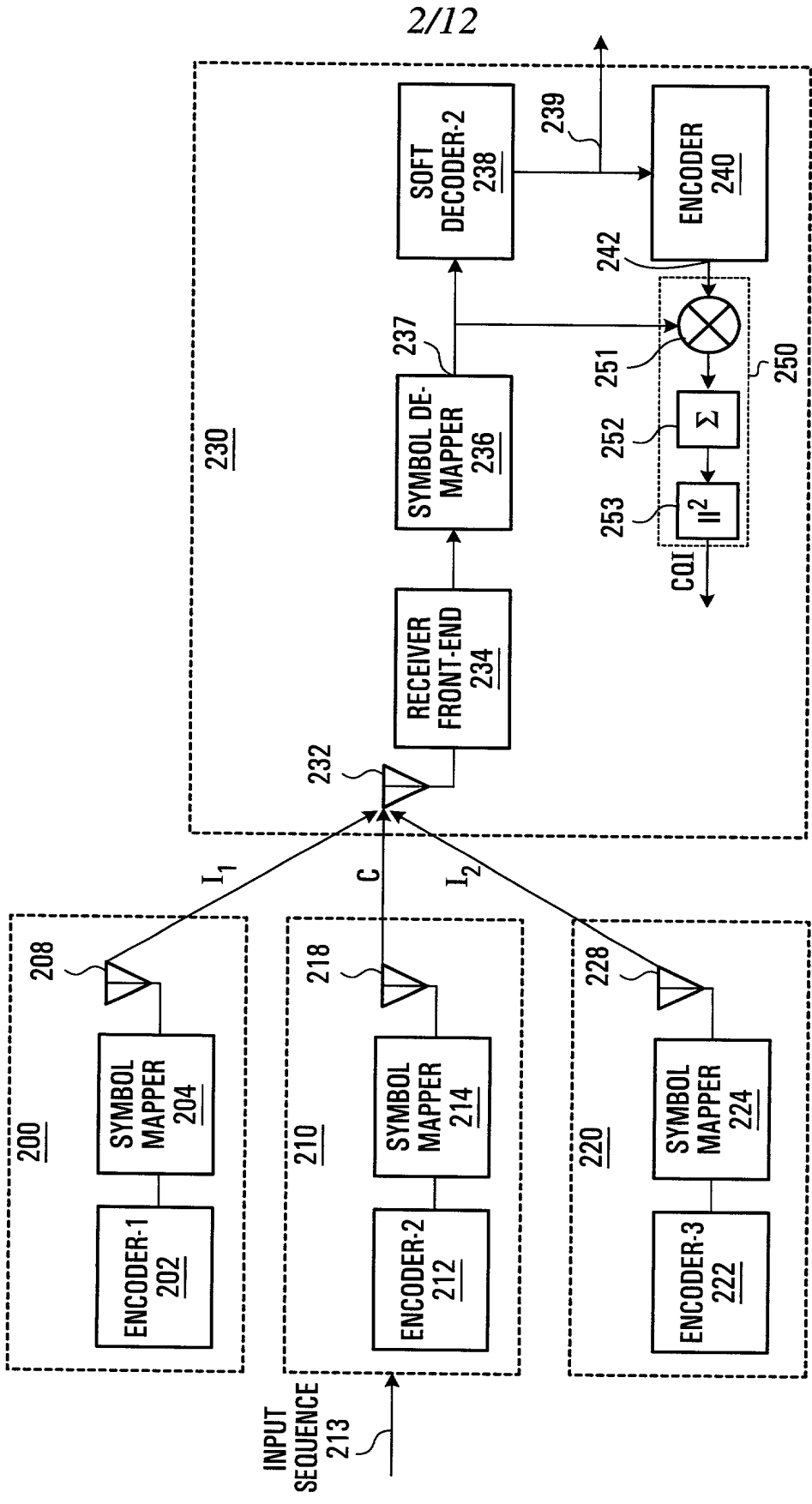


FIG. 2

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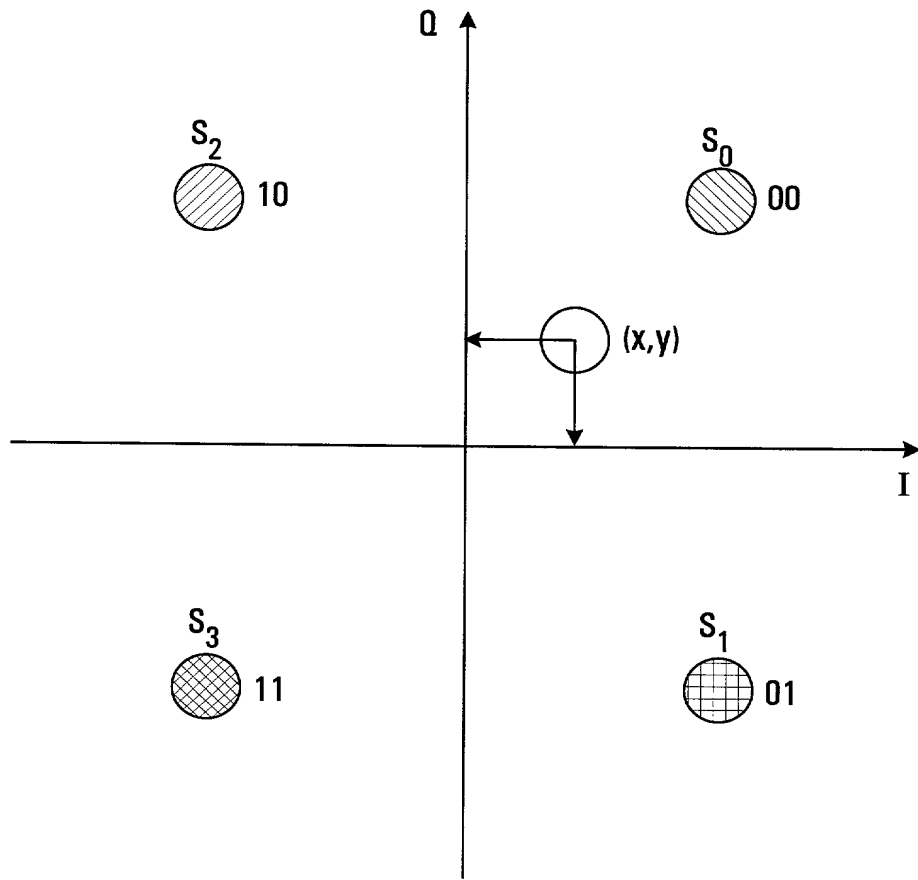


FIG. 3

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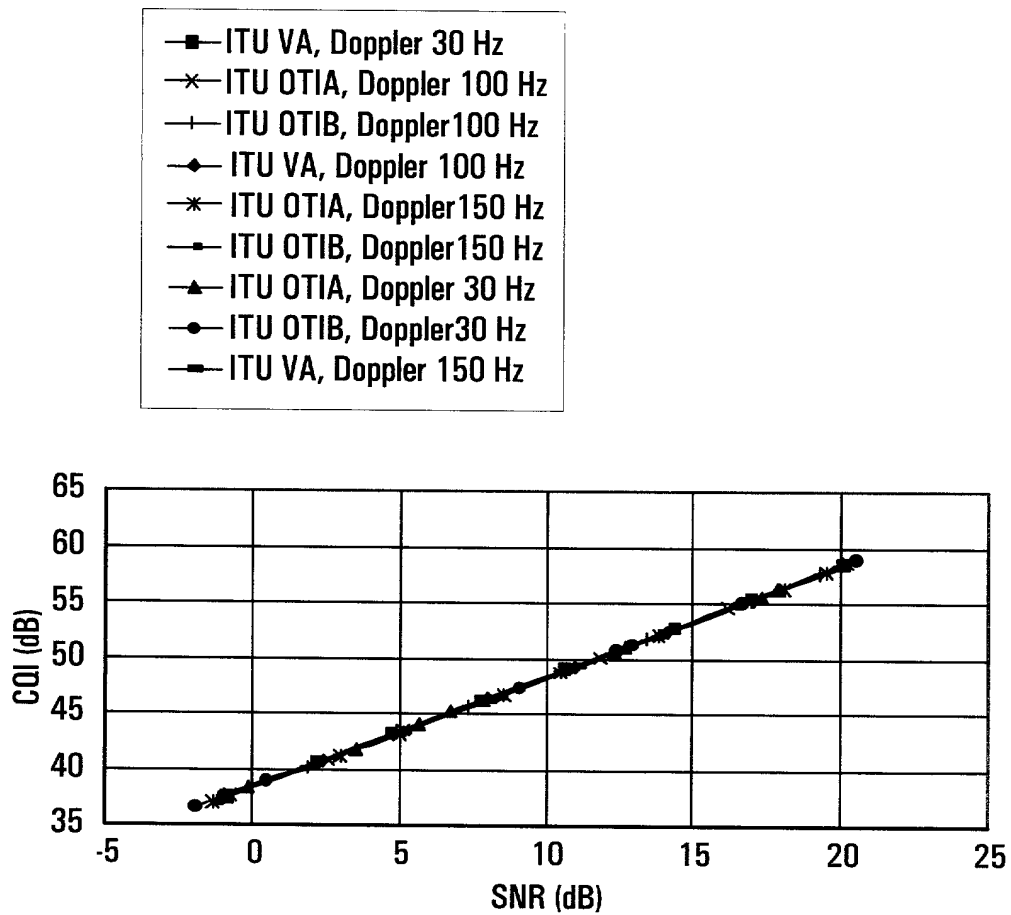


FIG. 4

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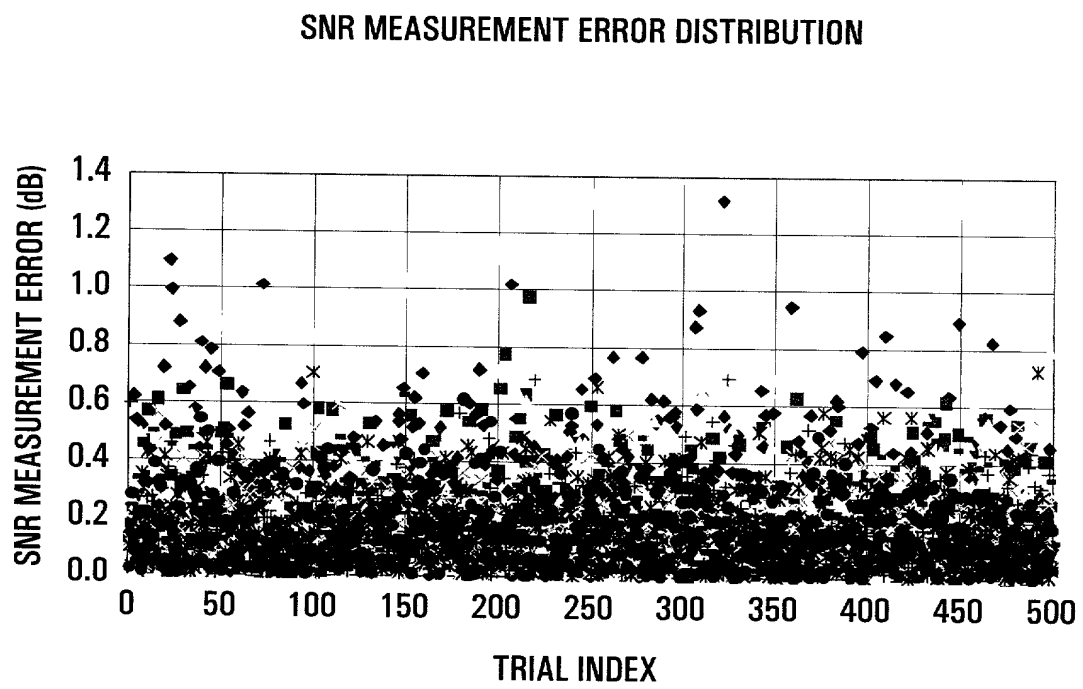


FIG. 5

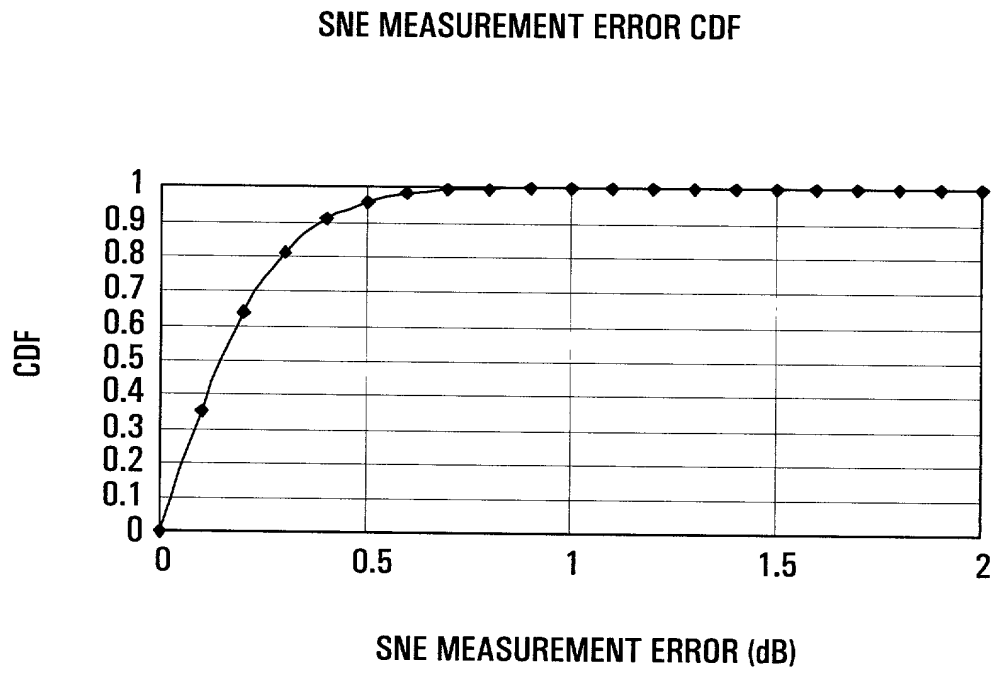


FIG. 6

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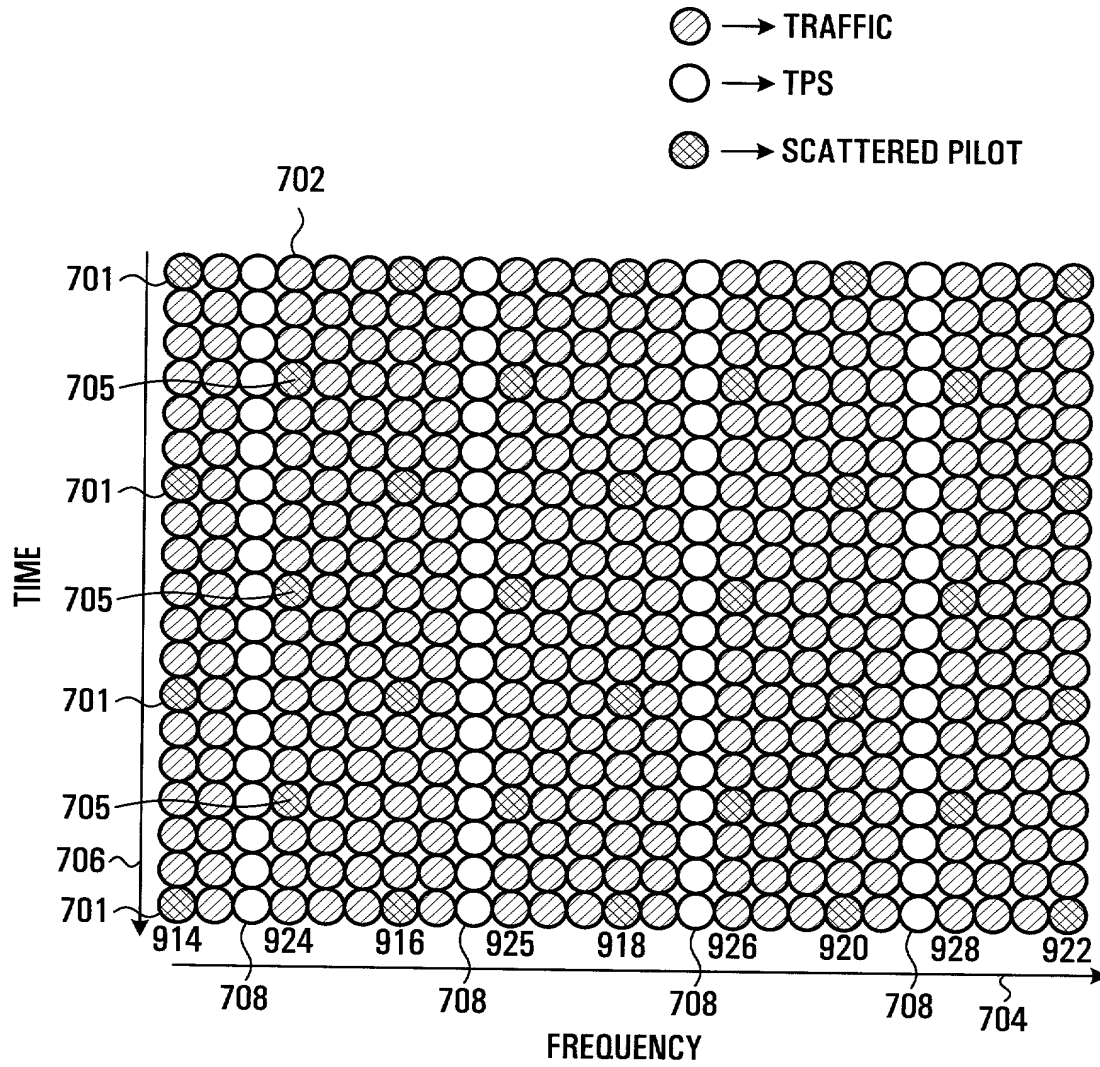


FIG. 7  
(PRIOR ART)

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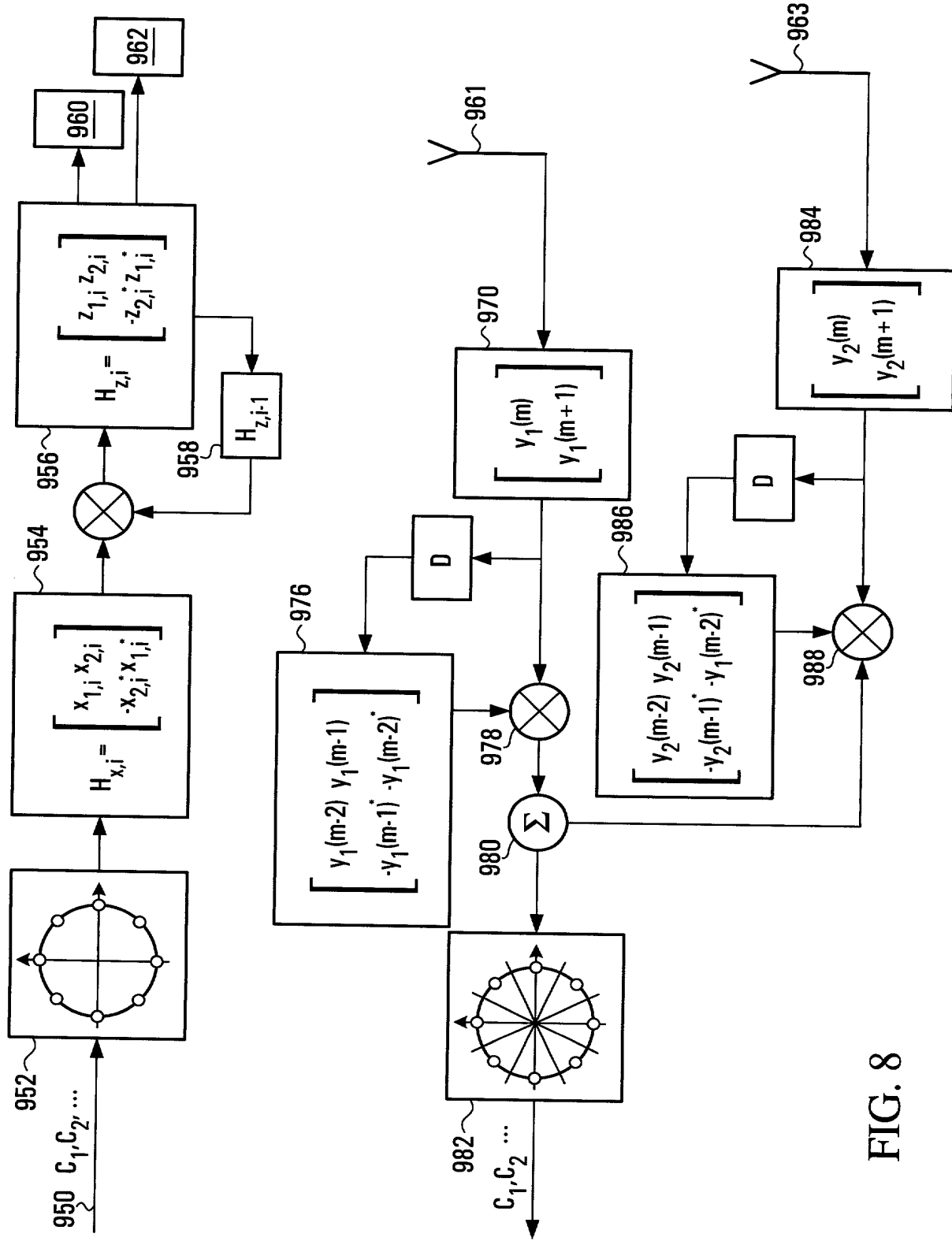


FIG. 8



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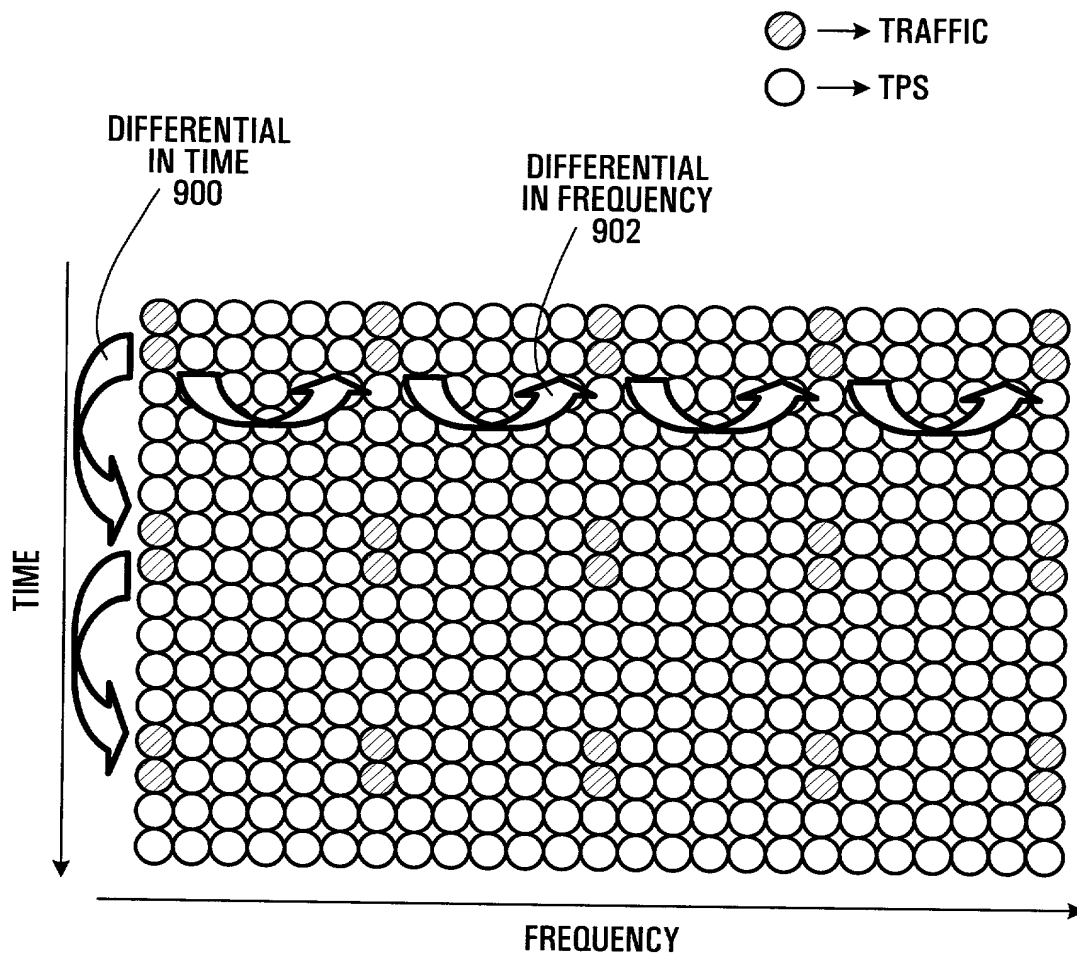


FIG. 9

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- ⊗ → TPS
- → TRAFFIC
- ⊠ → PILOT Tx-1
- ⊙ → PILOT Tx-2

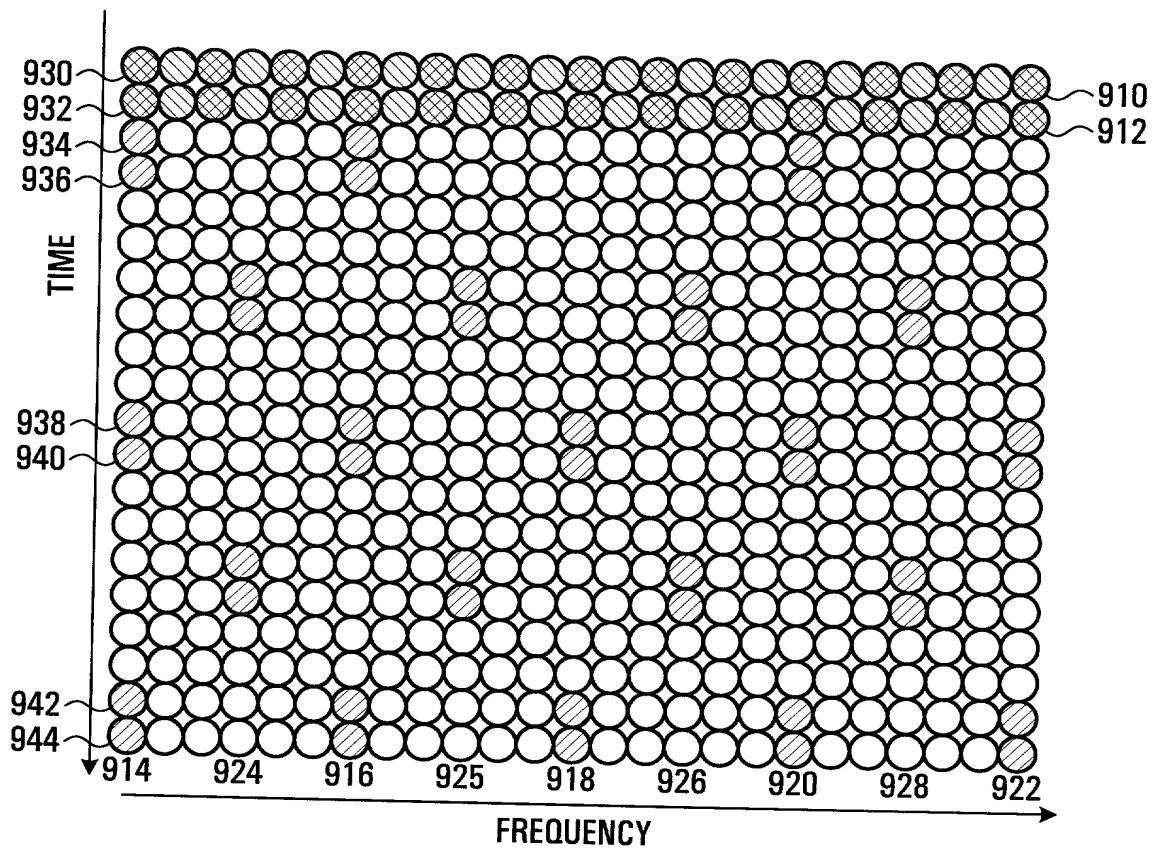


FIG. 10

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**TPS CHANNEL PERFORMANCE  
(32,6) BIORTHOGONAL CODE**

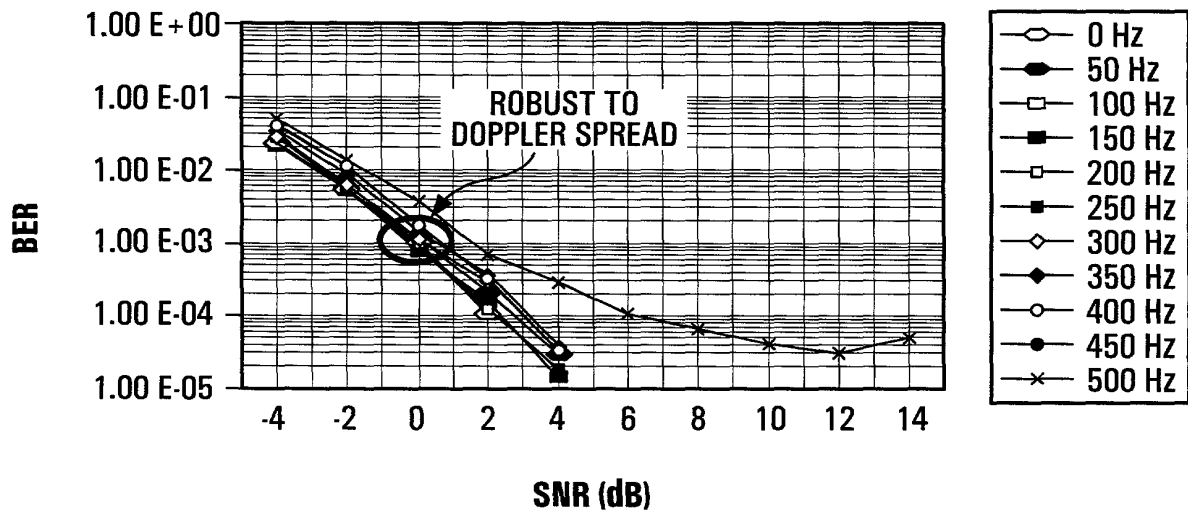


FIG. 11

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**PERFORMANCE OF MIMO-OFDM CHANNEL ESTIMATION ALGORITHM**  
VEHICULAR-A CHANNEL, 2:2 STBC, 16QAM,  $R = \frac{1}{2}$ , 3dB PILOT POWER BOOST

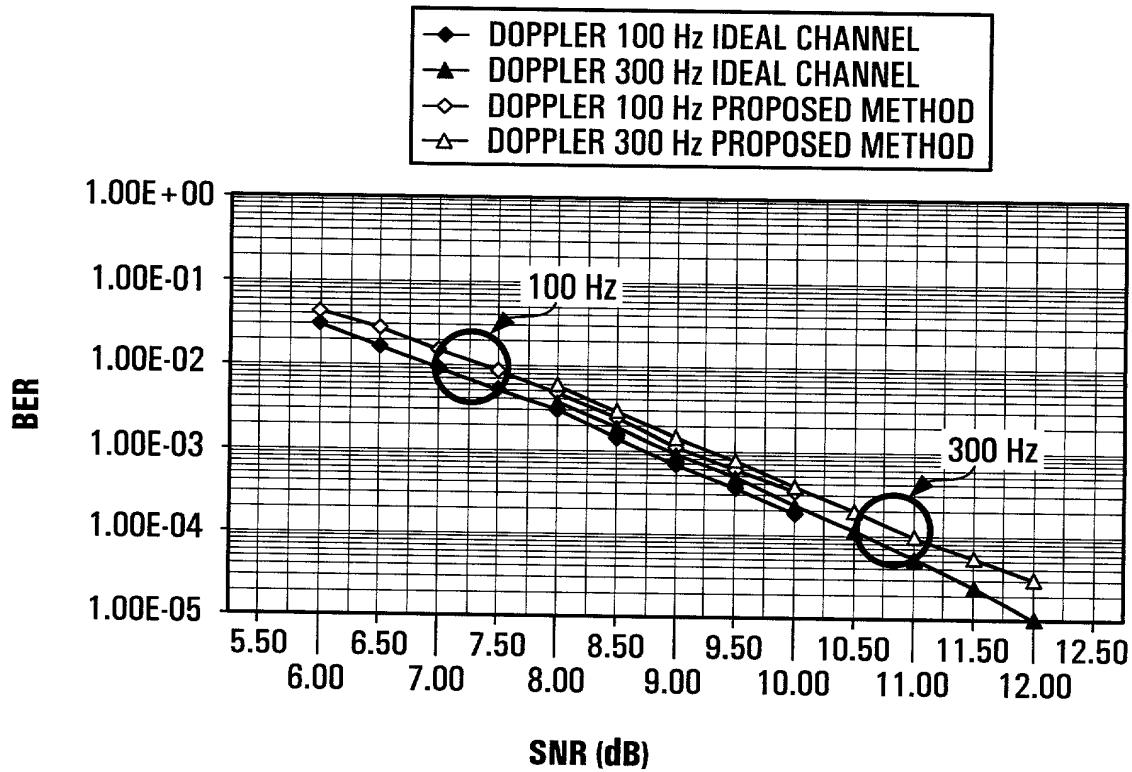


FIG. 12

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